

With or Without

STEEL STEAMER.

Received at London Office ... FRI. 3 AUG. 1917

Disconnected Erections.

State if Report is also sent on the Machinery of the Vessel Yes

REC'D NEW YORK

FRI. 3 AUG. 1917

Date of completion of report
Survey held at13th July, 1917
Quincy, MassPort of
Boston

Date, First Survey

19 May 1916

Last Survey

3rd July

1917

On the (State if Single, or Double Screw)

TONNAGE under

Tonnage Deck... 6019.82

F.P.+2 Do. between Tonnage Dk. } 45.10

C.D.B. Tanks and 3rd and 4th Dk. }

Total under Upper Dk. 6064

Do. of Poop 305.54

Do. of R.Q.Dk. 35.91

Do. of Forecastle 150.48

Do. of Houses on Dk. 2.37

Do. of excess of Hatchways 107.50

Do. above Crown of Engine Room 6666

New Space 254.88

Above Crown of Engine Room 1280.21

Navigation Spaces 83.09

Net Tonnage 5048

Gross Tonnage 6019.82

CLASS +100 A1

Carrying Petroleum in Bulk.

Breadth (greatest moulded) 56.0

Depth, at middle of length from top of keel to top of upper deck beams at side 32.75

Transverse Number 88.75

Length on deck from fore part of stem to after part of stern post 415.7

Longitudinal Number 36890

Depth "d," at middle of length (See Secs. 2 & 13) 12.67

Proportions—Depths to Length—Upper Deck Beam at side to top of keel

Long Bridge Deck Beam at side to top of keel

Destined Voyage New York

If Surveyed while Building, Afloat, or in Dry Dock

Building

Master H. IVERSEN

Year of appointment (1) As Master in service of owner of present vessel: 191. 0 (2) As Master of this vessel: 191. 7

Built at Quincy, Mass

When built July 1917 Launched 9 June 1917

By whom built Fore River S. B. Corporation

Owners The Texas Company

Managers

(Where necessary to be entered in Reg. Book.)

Residence 17 Battery Place, New York

Port belonging to New York

Dimensions of Ship per Register, Length	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid
Length	416.8		Moulded	56.0		Do. do. do. do. Second Dk. Beams	32.8	11	2
									No. of Tiers of Beams
									14

FRAMING.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
NAME, Angles, or C or L Bars amidships	Long Fr. as per attached slip								
o. in peaks	7	3 1/2	44	7	3 1/2	44			
o. in way of Double Bottoms at Solid Floors									
" " at intermdt. Bkts.									
ing of Frames from centre to centre amidships									
" " length to Collision bulkhead									
" " in peaks	Aft Peak	25		25					
VERSED FRAME, Angles	Aft Peak	3	3 1/2	44	3	3 1/2	44		
o. in way of Double Bottoms at Solid Floors									
" " at intermdt. Bkts.									
AMING, depth of girder	Aft Peak	7		7					
DOORS, depth and thickness of Floor Plate									
at mid-line for 1/2 length amidships									
in way of Engine and Boiler Spaces									
thickness at the ends of vessel	Aft Peak		44		44				
depth at 1/2 the half breadth, as per Rule									
height extended at the Bilges									
DOORS in Cell. Double Bottoms	E+B	E.R.	42	E.R.	42				
state if flanged (top & bottom)									
Spacing of Solid floors	27 1/2 x 55			27 1/2 x 55					
NTRE GIRDER, in Dbl. bottom, dpth. & thk.									
" " Angles, Top	4	4	56	4	4	56			
" " Bottom	6	6	5	6	6	5			
" " to Floors	5	5	44	5	5	44			
Brackets at intermdt. frmng., wdth & thk.									
DE GIRDERS, number on each side & thickness									
" " state if flanged (top and bottom)									
" " Angles (top and bottom)	3 1/2	3 1/2	44	3 1/2	3 1/2	44			
" " to Floors									
RGIN PLATE, depth (exclusive of flange)									
and thickness									
Angle to Outside Plating	4	4	56	4	4	56			
" " Floors	6	3 1/2	44	6	3 1/2	44			
Brackets at intermdt. frmng., wdth & thk.									
Height of Outside Brackets above at bilge	As per approved plan								
NER BOTTOM PLATING, breadth and thickness of Middle Line Strake									
" " in Engine and Boiler space									
" " Remainder in Holds									
AMS, Upper Deck, Single Angle, Bulb	Long Fr. as per attached slip								
Angle, Plate, Tee Bulb, or Channel									
In way of Long Bridge									
Spacing									
AMS, Second Deck, Single Angle, Bulb									
Angle, Plate, Tee Bulb, or Channel									
Spacing									
AMS, Third and Fourth Deck, Single Angle									
Bulb Angle, Plate, Tee Bulb, or Channel									
Angles on upper edge									
Spacing									
BEAMS, Poop Deck, Angle, Bulb Angle, Plate									
Tee Bulb, or Channel									
Angles on upper edge									
Spacing									
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate									
Tee Bulb, or Channel									
Angles on upper edge									
Spacing									
BEAMS, Forecastle Deck, Angle, Bulb Angle									
Plate, Tee Bulb, or Channel									
Angles on upper edge									
Spacing									

PILLARS.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
PILLARS, In 'tween Deck, size and spacing	4 1/2 x 3 1/2 x 35			6 x 3 1/2 x 35					
" " Hold 2 C									
" " Quarter 'tween Dks.									
" " in Hold									
KEELSONS & STRINGERS.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercostal Plate	Long Fr. as per attached slip								
" Rider Plate									
" Flat Plate Keel Angles									
" Horizontal Plates on Floors									
" Angles or Bulb Angles									
SIDE KEELSONS, Number									
" Angles or Bulb Angles									
" Plate above floors, for length									
" Intercostal Plate, for length									
" Attached to outside Plating with Angle									
BILGE KEELSON, Angles									
" Intercostal Plate for length									
" Attached to outside Plating with Angle									
SIDE STRINGERS, Number									
" " Angle									
" Intercostal Plate, for length									
" Attached to outside plating with Angle									
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	77	66	77	66					
" " " " (br'dth & thickness in way of Bridge)	77	8	77	8					
" " " " Angle (clear of Bridge)	6 x 6	56	6 x 6	56					
" " Tie Plate at sides of Hatchways									
" Deck * Steel, for full lng.	Steel		Steel						
" " Thickness (clear of Bridge)									
" " (in way of Bridge)									
" Wood Deck. Material & thickness									
Second Deck Stringer Plate, br'dth & thickness	48	44	48	44					
" Angles on ditto, No. one	6 x 6	44	6 x 6	44					
" Tie Plates outside Hatchways									
" Deck * Steel, for full lng.	Steel		Steel						
" " Wood Deck. Material & thickness									
Third Deck Stringer Plate, br'dth & thickness									
" Angles on ditto, No.									
" Tie Plates, outside Hatchways									
" Deck * Material and thickness									
Fourth and Fifth Deck Stringer Plate, br'dth & thickness									
" " Angles on ditto, No.									
" " Tie Plates outside Hatchways									
" " Deck. Material & thickness									
Poop Deck Stringer Plate, breadth & thickness	54	36	54	36					
" Angle on ditto	3 1/2 x 3 1/2	38	3 1/2 x 3 1/2	38					
" Tie Plates	Steel	36	Steel	36					
" Deck. Material and thickness									
Bridge Deck Stringer Plate, br'dth & thickness	54	44	54	44					
" Angle on ditto	3 1/2 x 3 1/2	44	3 1/2 x 3 1/2	44					
" Tie Plates	Steel	36	Steel	36					
" Deck. Material and thickness									
Forecastle Deck Stringer Plate, br'dth & thickness	54	36	54	36					
" Angle on ditto	3 1/2 x 3 1/2	38	3 1/2 x 3 1/2	38					
" Tie Plates	Steel	36	Steel	36					
" Deck. Material and thickness									

* If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.

[illegible]

EQUIPMENT No. 38270						LETTER A						ANCHORS.						TONNAGE U.D.K. OR PLATING NO. FOR TRAWLERS					
Number of Certificate.		Anchors.		WEIGHT, EX. STOCK		WEIGHT OF STOCK		TEST, PER CERTIFICATE.		WEIGHT REQUIRED BY TABLE 31.		Description of Anchor.		Makers.		Where and when tested and Superintendent.							
				CWTs. qrs. lbs.		CWTs. qrs. lbs.		Tons. cwt. qrs. lbs.		CWTs. qrs. lbs.													
2919		1st Bower		66 3 9		stockless		51 19 1 14		68 0 0		Baldt		Baldt Under C.		Charter 23/5/16 J. B. ...							
2920		2nd "		65 1 7		"		51 2 2 0				"		"		"							
2923		3rd "		63 0 14		"		50 2 2 0				"		"		"							
		4th "																					
		Collective weight.		195 1 2						194 2 0													
3274		Stream		19 1 14		5 0 25		20 4 0 7		19 0 0		Cast Steel Common		"		18/9/16 W. Gray							
3277		Kedge		8 0 4		2 1 23		10 2 2 0		8 0 0		"		"		"							
Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test. 1st Bower 66-3-9, 49-2-6, J.B., 2919, 23/5/16 2nd " 65-1-7, 48-0-4, " 2920 " " 3rd " 63-0-14, 45-3-1 " 2923 " " 4th " Steam 19-1-14, 5-0-25, W.C. 3274 18/9/16 Kedge 8-0-4, 2-1-23, W.C. 3277, 18/9/16																							
CHAIN CABLES.																							
Number of Certificate.		Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE		Length and Size per Table 31.		Description.		Makers of Cable.		Where and when tested, and Superintendent.		Material							
		Fathoms. Ins.		Status. Break- ing. Tons.		CWTs. qrs. lbs.		Fathoms. Ins.															
153		270 2 3/4		96 1/2 134 1/2		707-2-7		720 3 4		270 2 3/4		Steel		Selamun Chain Works		Selamun 26/4/16 F. Adamson							
Iron Stream Chain Steel Wire		90 1 3/4		31 46 1/2		90-3-17		79.25		90 1 3/4		"		d#		Selamun 4/2/16 T.S. Dordel							
HAWSEERS AND WARPS.																							
		Length and size supplied.		Breaking Test of Steel Wire Towline.		Length and Size per Table 31.																	
		Fathoms. Ins.		Tons.		Fathoms. Ins.																	
459		200 3 1/2		26																			
Boats 2-26' lifeboats, 2-20' jolly boats Pumps, Number oil cargo pumping system Windlass is American Engineering Co's make Engine Room Skylights.—How constructed? steel with hinged lids What arrangements for deadlights in bad weather? Permanent bulwages Coal Bunker Openings.—How constructed? How are lids secured? Height above deck? Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 8 scuppers each side. Open rails, no freeing ports Ceiling in Holds, thickness and material. Cargo Battens, thickness and material. 2x6" Yellow Pine in fore hold Cargo Hatchways.—How formed? steel oil tight hatches Hatches, If strong and efficient? yes State size No. 1 Hatch (Forward) No. 2 Hatch No. 3 Hatch No. 4 Hatch Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch No. of Breasthooks 15 No. of Crutches Bulwarks, height above deck and description Open rails adopted Main Rail, material and size The foregoing is a correct description. FORE RIVER SHIPBUILDING CORP Surveyor's Signature John S. Heck John. L. Gardiner Builder's Signature H. Blawie VICE PRESIDENT Surveyor to Lloyd's Register of Shipping.																							
Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case) All correspondence through New York office																							
Workmanship. Are the butts of plating planed or otherwise fitted? yes Is the riveted work properly closed? yes Are the liners between the frames and plates solid single pieces? yes to plate, &c., conform well to each other? yes Do the holes for riveting plate to frames, butt straps, or plate from the faying surfaces? yes Are the rivet holes well and sufficiently countersunk in the plate and punched Are the butts of Plating, Stringers, &c., properly shifted and strapped? yes Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? yes State results of tests Good Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? yes State results of tests Good																							
General Remarks (State quality of workmanship, &c.) This vessel has been built under Special Survey in accordance with the Rules + approved plans + the workmanship + material are good. Re oil cargo tanks, oil fuel tanks, Cofferdams + Ballast tanks have been tested in accordance with the Rules + found good. This vessel is a sister ship to 1/2 Texas, Boston report 836 + 8's New York, Boston report 845.																							
The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans to be forwarded with F.E. Report showing vessel as built.																							
The amount of Entry Fee £ \$ 25.00 Fees applied for, 13 July 1912 Special Survey Fee £ 95.00 Received by me, 31-12-17 Travelling Expenses, if any £ 87.25 Certificate to be sent to Boston Date of issue N.Y. 10/17/17																							
State whether the Vessel has been built under Special Survey yes I am of opinion this Vessel should be Classed +100A Carrying Petroleum in Bulk. John S. Heck, John. L. Gardiner With, or without Freeboard, as condition of Class Without freeboard. Surveyor to Lloyd's Register of Shipping.																							
Committee's Minute New York JUL 17 1917 Character assigned +100A, Carri. Pet. in bulk. note: Lloyd framing + Limb 7.17 Exp. de at + Lubricated for oil fuel 7.17 SP. above 150° F. J.D. (Spl) HA. Elec Light																							

GE

PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.	AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.			
	In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames. Diam. Speng. Ins. Ins.	Spacing of Rivets on each side of Transverses and Bulkheads. Inches.	Rivets in Brackets to Bulkheads. Number. Diameter. Inches.	
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.					
Framing of <u>W, L or H</u>																
Frames in Bridge 'tween Decks ...	6	3	44				6	3	44							
Frames from Uppermost Continuous Deck	7	3½		7	3½	44	7	3½	44	7	3½	44	7/8	5½		
No. 1																
" 2																
" 3	8			8			8			8					7	7/8
" 4	9			9			9			9					8	
" 5															10	
" 6	10			10			10			10				3 15/16 for 10 rivets		
" 7																
" 8																
" 9														3 7/16		
" 10																
" 11	12	3½		12	3½	44	12	3½	44	12	3½	44				
" 12	14			14			14			14						
" 13	15	42		15	42		15	42		15	42			3 15/16		18
" 14																
" 15	All bottom longitudinals (13 to 22) same as No. 13.															
" 16																
Spacing of Longitudinal Frames	Amidships			At Ends			Amidships			At Ends						
	22 6 30			21 6 30			22 6 30			21 6 30						
Double Bottoms	Tank Top Longitudinals			Bottom			Tank Top Longitudinals			Bottom						
" L or H	7 3½ 56			7 3½ 56			7 3½ 56			7 3½ 56						
Spacing of Longitudinals	Amidships			At Ends			Amidships			At Ends						
	30			30			30			30						
Transverses.																
In Bridge	Depth and Thickness			15 38			15 38			Rivets in Lugs to Shell			Diam. Speng.			
'tween Decks	Face Angles			3 4 44			3 4 44			3 4 44			3 4 44			
	Lugs to Shell*			3½ 3½			3½ 3½			3½ 3½			3½ 3½			
In Awning, Shelter or Upper 'tween Decks.	Depth and Thickness			18 44			18 44			18 44			18 44			
	Face Angles			3½ 4 44			3½ 4 44			3½ 4 44			3½ 4 44			
	Lugs to Shell*			3½ 3½			3½ 3½			3½ 3½			3½ 3½			
In Hold.	Depth and Thickness			34 46			34 46			34 46			34 46			
	Face Angles			6 4 68			6 4 68			6 4 68			6 4 68			
	Lugs to Shell*			6 6 5			6 6 5			6 6 5			6 6 5			
	Brackets			ANGLE 3 4 4			3 4 4			3 4 4			3 4 4			
Spacing of Transverse Frames	9 6			9 2 7 0			9 6			9 2 7 0			9 2 7 0			
* State if joggled or liners.																
Longitudinal Beams of	Bridge Deck			6 3 38			6 3 38			Spacing			34½			
"	Awg. or Shltr. Dk.			7 3½ 44			6 3 38			7 3½ 44			6 3 38			
"	Upper			8			7 3½ 44			8			7 3½ 44			
"	Second			7 3½ 44			8			7 3½ 44			8			
"	Third															

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 107.0 ft., R.Q.D. ✓ ft., Bridge 34.5 ft., Forecastle 33.0 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as should appear in the Register Book) 2 DKS (STL) and WEB FRAMES Longitudinal framing.

Official No. 215286; Signal Letters L H M F

How are the surfaces preserved from oxidation? Inside Paint & Cement State if Machinery is fitted aft Machy. Aft. Outside Paint

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors Cellular

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	64.2	209	Fore peak tank,		
Double bottom, under Engines and Boilers, Including dwarf cofferdam			After peak tank,	22	229
Double bottom, if under Engines only,			Deep tank, aft,	17.5	130
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
Total capacity of double bottom 209			(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks.

State whether the above have been tested as required by the Rules. yes

Order for Special Survey No. 24

Date 16 Dec 1915

No. 253 in builder's yard.

DATES OF SURVEYS held while building

1916 May 19 June 1, 7, 13, 28 July 5, 7, 11, 12, 14, 18, 20, 24 Aug 7, 14, 25, 25, 31 Sept 19, 24, 22, 26 Oct 6, 10, 13, 16, 19, 26, 30 Nov 3, 15, 22 Dec 2, 7, 19
1917 Jan 3, 9, 10, 14, 16, 31 Feb 6, 15, 21, 27 Mar 3, 7, 12, 15, 18 April 4, 5, 7, 10, 13, 20, 21, 23, 25, 26, 27, 28, 30 May 12, 3, 4, 5, 7, 8, 9, 10, 16, 18
1918 Jan 1, 7, 14, 21, 28, 29, 30, 31 June 1, 2, 4, 5, 6, 7, 8, 9, 12, 13, 14, 15, 16, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30
July 1, 2, 3

Total No. of Visits 119

Surveyor's Signature

John S. Heck

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John P. Card

Lloyd's Register
Foundation